



REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**  
FORT WORTH DISTRICT, CORPS OF ENGINEERS  
PO BOX 17300  
FORT WORTH, TEXAS 76102-0300

Real Estate Division

Mr. Grantee  
Address  
City, State, Zip

Dear Sir or Madam Grantee:

You are receiving this letter because you have been identified as the owner/operator of a water line, electric line and/or submersible pump, granted under License No. DACW63-3- , on Federal property at Belton Lake. Recent policy changes have occurred concerning the use of submersible pumps at all Fort Worth District Lakes. The new policy prohibits the use of *submersible* pumps for the purpose of withdrawing water for individual use.

After coordination with electrical engineers of the Underwriters Laboratories (UL), it was determined that the placement and utilization of submersible pumps in marine environments where swimmers and waders may be present is a safety hazard. Therefore, use of submersible pumps in these areas is prohibited.

The Fort Worth District will no longer issue real estate instruments for the use of submersible pumps located on Federal property. Owners of existing water line structures currently utilizing a submersible pump are required to *immediately* remove the submersible pump, along with all electrical components from Federal property. The water pipeline itself, issued through the License, is the only structure that will be allowed on Federal property.

If you intend to continue to utilize a water line on Federal property, you must adhere to the following instructions:

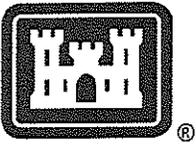
- a) Immediately remove the submersible pump and all electrical components from Federal property.
- b) Submit a written request to the lake office with a map showing the location of the new proposed pump, water line and all electrical equipment in relation to the flowage easement line and Government property line.
- c) Provide the water authority permit.
- d) As the authority having jurisdiction, we consider flowage easement a wet location. The electric line must be installed and maintained in accordance with the National Electric Code (NEC) and the National Electrical Safety Code (NESC) conducive to wet and damp locations.

- e) The main electrical cut-off switch must be located above the flowage easement line.
- f) Provide electrical certification of all components signed by a licensed electrician.
- g) Upon renewal, years remaining on a current license will be acknowledged and pro-rated to accommodate fees already received.
- h) If you do not respond to this letter, we will presume that you no longer require the use of the license and proceed with termination. All structures must be removed from Federal property by the grantee and the land restored to a condition satisfactory to the Lake Manager.
- i) A compliance inspection will be performed to assure the new policy guidelines are followed and verify removal of structures from Federal property has occurred.

If you have any questions, please contact Ms. Vicki Akers at 817-886-1114 or via e-mail at [vicki.l.akers@usace.army.mil](mailto:vicki.l.akers@usace.army.mil).

Sincerely,

Hyla J. Head  
Chief, Real Estate Division



# NEWS RELEASE

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG®

For Immediate Release: NR11-004  
October 19, 2010

Contact: Randy Cephus  
817-886-1310  
randy.r.cephus@usace.army.mil

## **The Corps continues outreach effort to provide electrical submersible pump alternatives**

*FORT WORTH, Texas* – The U.S. Army Corps of Engineers' Fort Worth District continues its efforts to provide local residents with potential alternatives to the banned electrical submersible pumps and to answer questions pertaining to submersible pump use on Corps lakes.

The Fort Worth District agreed to provide alternatives and to solicit ideas from property owners as a result of the Jan. 2010 policy that bans the use of pumps that are *noncompliant* with standards set by Underwriters Laboratories for the purpose of withdrawing water for individual domestic use.

The Corps remains committed to working with affected home owners to come up with viable alternatives. Most recently in September the Corps met with residents surrounding Whitney Lake and provided them with a list of safe, viable potential alternatives to the banned pumps.

While the Corps acknowledges the inconvenience the ban may pose to some local homeowners, public safety must and will always come first.

"Our overall goal is to reduce the potential for unnecessary accidents at our area lakes," stated Col. Richard J. Muraski, Jr., commander of the Fort Worth District. "Part of that involves informing local homeowners, lake users and the general public of the potential electrocution hazards associated with the use of submersible pumps on water bodies where swimmers and boaters are present."

This ban further enforces guidelines that have always been in place for requirements for private water line installation at any Fort Worth District Lake. Those guidelines specify that 'a pump shall be approved by Underwriters Laboratory, installed in accordance with manufacturer's recommendations, and wired in accordance with all provisions of the latest edition of the National Electrical Code – NEPA 70 (NEC); wiring methods for wet locations shall be used; and pumps may not be rated more than 220 volts.' Permit holders signed-off on these guidelines in order to receive their original permits.

"Some residents have already voluntarily complied with the policy and we are working with others on viable alternatives," said Belton Lake Manager, Daniel Thomasson. "We encourage all noncompliant pump permit holders to work with us to reach a safe alternative."

The Corps will work with home owners as they explore alternatives but remains firm on its enforcement of the policy. Noncompliance of the current policy may result in fines and other legal action. To provide information on noncompliance of the Corps policy, please call 1-866-413-7970.

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U.S. ARMY CORPS OF ENGINEERS – FORT WORTH DISTRICT  
819 TAYLOR STREET  
FORT WORTH, TX 76102  
WWW.SWF.USACE.ARMY.MIL

**POSSIBLE ALTERNATIVES FOR COMPLYING WITH THE ELECTRIC SUBMERSIBLE PUMP BAN**

Water well located on private property.

Water delivered by truck to a storage tank.

Water from a rural or municipal water supply company.

Rainwater catch system.

Mechanically driven pump(such as windmill technology).

Electric centrifugal pump with all electrical components located off of federal property.

Jet pump with all electrical components located off of federal property.

Automatic air-powered internal cycling pump

Air powered simplex pump

Air powered bubbler pump

Air powered diaphragm pump

**Installers:**

Ramm's Pump and Water Well Service 254-939-1588

Tom Lovelace Water Well Service 254-939-5073

Brasada Windmills(experienced in jet pump installations) 888-796-8665

**Suppliers:**

Bubbler pumps-Groundwater Innovations([groundwaterinnovations.com](http://groundwaterinnovations.com)) 800-467-5170

-Brumby Pumps([brumbypumps.com](http://brumbypumps.com))

-Stauffer Pumps([airliftech.com](http://airliftech.com))

Simplex pumps-CI Solar Supplies([John Clothier-jclothi@attglobal.net](mailto:John.Clothier@attglobal.net)) 909-628-6440

Internal cycling pumps-QED([submersiblepumpguide.com](http://submersiblepumpguide.com)) 800-624-2026

Diaphragm Pump&Air compressor-WW Grainger Co.([grainger.com](http://grainger.com)) 800-323-0620

-TX Process Equipment(Roger Mack) 214-850-8377

It must be understood that each of the mentioned alternatives has advantages and disadvantages, and in some cases physical limitations. Each proposed location will present differing physical challenges and requirements and no one alternative will be the preferred solution to every situation. Details associated with each alternative are purposely not mentioned because there are simply too many variables to address with many of the alternatives. It is strongly recommended that applicants contact a pump installation professional that is experienced in lake applications for assistance in determining the best course of action. This list of known installers, suppliers and above alternatives is provided for informational purposes only and in no way implies that any alternative or installer will provide a satisfactory solution in every situation.